

UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))	Attorney Docket No. M02A232	
	First Inventor Kelly LEITCH et al	
	Title	CO ₂ RECOVERY PROCESS FOR SUPERCRITICAL EXTRACTION
	Express Mail Label No. EL722635150US	

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.		ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	ACCOMPANYING APPLICATION PARTS 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of (when there is an assignee) Attorney 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input checked="" type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input checked="" type="checkbox"/> Other: Check in the Amount of \$834.00	
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)		
3. <input checked="" type="checkbox"/> Specification [Total Pages 18] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies		
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 1]			
5. Oath or Declaration [Total Sheets] a. <input checked="" type="checkbox"/> Unexecuted (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).			
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76			

18 If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:
Prior application information: Examiner Group Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS					
<input checked="" type="checkbox"/> Customer Number or Bar Code Label		20411 (Insert Customer No. or Attach bar code label here)		or <input type="checkbox"/> Correspondence address below	
Name	Joshua L. Cohen, Esq.				
Address	The BOC Group, Inc., Patent, Intellectual Property Department				
	100 Mountain Avenue, Murray Hill				
City	New Providence	State	NJ	Zip Code	07974
Country	USA	Telephone	(908) 771-6167	Fax	(908) 771-6159

Name (Print/type)	Joseph G. Curatolo, Esq.	Registration No. (Attorney/Agent)	28,837
Signature	<i>Joseph G. Curatolo</i>	Date	9-25-2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

02570 U.S. PTO
09/25/03

PTO/SB/17 (11-01)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☐ Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$834.00)

Complete if Known

Application Number	New Application
Filing Date	September 25, 2003
First Named Inventor	Kelly LEITCH et al
Examiner Name	N/A
Group Art Unit	N/A
Attorney Docket No.	M02A232

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account

Deposit Account Number: 18-0987
Deposit Account Name: Renner, Kenner, Greive, Bobak, Taylor & Weber

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☐ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code		
101 750	201 370	Utility filing fee	750.00
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$750.00)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
16	-20**= 0	--	0.00
4	-3**= 1	84	84.00
Multiple Dependent		--	0.00

Large Entity	Small Entity	Fee Description
Fee Code	Fee Code	
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	**Reissue independent claims over original patent
110 18	210 9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$84.00)

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee	Fee		
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Joseph G. Curatolo, Esq.	Registration No. (Attorney/Agent)	28,837	Telephone	440/808-0011
Signature	<i>Joseph G. Curatolo</i>			Date	9-25-2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant commissioner for Patents, Washington, DC 20231.

**RENNER KENNER GREIVE
BOBAK TAYLOR & WEBER**

A LEGAL PROFESSIONAL ASSOCIATION

Intellectual Property Law

Established 1917

24500 CENTER RIDGE ROAD
SUITE 280
WESTLAKE, OHIO 44145
Telephone (440) 808-0011
Fax (440) 808-0657
www.rennerkenner.com

REESE TAYLOR
PHILLIP L. KENNER
EDWARD G. GREIVE
DONALD J. BOBAK
RAY L. WEBER
JOSEPH G. CURATOLO
RODNEY L. SKOGLUND
ANDREW B. MORTON
ARTHUR M. REGINELLI
LAURA J. GENTILCORE
SHANNON V. McCUE
SALVATORE A. SIDOTI
JOHN J. CUNNIFF
MARK L. WEBER
JAMES E. OEHLenschLAGER
WESLEY C. MEINERDING

SYLVIA PETROSKY, of counsel

Patent Agent
TAMA L. DRENSKI

September 25, 2003
Docket No. M02A232

**MAIL STOP PATENT APPLICATION
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450**

Sir:

Transmitted herewith for filing under 35 U.S.C. §111(a) is the following written application for a patent.

Express Mail No.: EL722635150US

Inventor(s): Kelly LEITCH, Gavin HARTIGAN and Robert D'ORAZIO

Title: CO₂ RECOVERY PROCESS FOR SUPERCRITICAL EXTRACTION

Assignee: The BOC Group Inc.
575 Mountain Avenue
New Providence, NJ 07974

This application claims priority from Provisional Patent Application Number 60/415,655 filed October 2, 2002.

Certificate of Express Mailing

I hereby certify that this correspondence is being deposited on the date shown below with the United States Postal Service as Express Mail - Label No. EL722635150US - "Express Mail Post Office to Addressee" in an envelope with sufficient postage addressed to: Mail Stop Patent Application, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Joan R Barris
(type or print name of person signing paper)

Joan R Barris
(signature of person mailing paper)

9/25/03
(date)

Offices in

AKRON

CLEVELAND/WESTLAKE

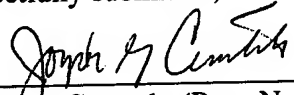
Enclosed:

Transmittal Letter with Certificate of Mailing and Authorization to Charge Deposit Account
(2 pages - in duplicate)
Utility Patent Application Transmittal (1 page)
Fee Transmittal (1 page - in duplicate)
Print EFS Application Data Sheet (2 pages)
Combined Declaration and Power of Attorney document (unexecuted - 3 pages)
Specification
 12 Pages of Description
 5 Pages of Claims
 1 Page of Abstract
 1 Drawing Sheets
Information Disclosure Statement (2 pages)
Information Disclosure Statement by Applicant Form PTO/SB/08A
Check in the Amount of \$834.00
Return Receipt Postcards (2)

Authorization to Charge Deposit Account

In the event a fee is applicable to the filing of these documents and the required fee is not enclosed, or the fee submitted is insufficient, the Commissioner is hereby authorized to charge any fees which might be required to effect the filing of this (these) document(s) to Account No. 18-0987. This authorization is being submitted in duplicate.

Respectfully submitted,



Joseph G. Curatolo (Reg. No. 28,837)
RENNER, KENNER, GREIVE, BOBAK, TAYLOR & WEBER
24500 Center Ridge Road, Suite 280
Westlake, Ohio 44145
Telephone: (440) 808-0011
Attorney for Applicants
9-25-2003

Date